

PATENT
454312-3140**IN THE SPECIFICATION:**

Kindly amend the specification, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows:

Please replace the paragraph beginning at page 1, line 8 (the first paragraph under "Related Applications"), with the following rewritten paragraph:

71 --This application is a continuation-in-part ("CIP") of U.S. application Serial No. 08/714,741, filed September 16, 1996, (allowed), which is a CIP of U.S. application Serial No. 08/529,055, filed September 15, 1995. This application is also based upon and claims priority from U.S. Provisional application Serial No. 60/082,728, filed April 23, 1998. --

Please replace the paragraph beginning at page 1, line 10 (the second paragraph under "Related Applications"), and continuing onto page 2, with the following rewritten paragraph:

72 --Reference also is made to: Briles et al., "Strain Selection of Pneumococcal Surface Proteins," U.S. application Serial No. 08/710,749, filed September 20, 1996, now U.S. Patent No. 5,955,089; PCT applications PCT/US96/14819, filed September 16, 1996 and WO 97/09994, published March 20, 1997; Briles et al. "Oral Administration ...," U.S. application Serial No. 08/482,981, filed June 7, 1995, now U.S. Patent No. 6,232,116, U.S. application Serial No. 08/458,399, filed June 2, 1995, now U.S. Patent No. 6,231,870 and U.S. application Serial No. 08/657,751, filed May 30, 1996, now U.S. Patent No. 6,004,802; "Mucosal Administration ...," Briles et al., U.S. application Serial No. 08/446,201, filed May 19, 1995, now U.S. Patent No. 6,042,832 (filed as a CIP of USSN 08/246,636, filed May 20, 1994, now U.S. Patent No. 5,965,141) and Briles et al., U.S. application Serial No. 08/312,949, filed September 30, 1994, now U.S. Patent No. 6,027,734; Briles et al., "Epitopic Regions of Pneumococcal Surface Protein A," U.S. application Serial No. 08/319,795, filed May, 20, 1994 now U.S. Patent No. 5,980,909; Briles et al., "Structural Gene of Pneumococcal Protein", U.S. application Serial No. 08/467,852, filed June 6, 1995, now U.S. Patent No. 5,856,170 (filed as a cont. of U.S. application Serial No. 08/247,491, filed May 23, 1994, now U.S. Patent No. 5,965,400), U.S. application Serial No. 08/072,070, filed June 3, 1993, now U.S. Patent No. 5,476,929, U.S. application Serial No. 08/469,434, filed June 6, 1995, now U.S. Patent No. 5,753,463 and U.S. application Serial No. 08/214,164, filed March 14, 1994, now U.S. Patent No. 5,728,387; Briles et al., "Truncated PspA ...," U.S. application Serial No. 08/214,222, filed

PATENT
454312-3140

March 17, 1994, now U.S. Patent No. 5,804,193 and Briles et al. U.S. application Serial No. 08/468,985, now U.S. Patent No. 5,997,882; Briles et al., "Immunoassay Comprising a Truncated Pneumococcal Surface Protein A (PspA)," U.S. application Serial No. 08/468,718, filed June 6, 1995, now U.S. Patent No. 5,871,943; U.S. application Serial No. 08/226,844, filed May 29, 1992; U.S. applications Serial Nos. 08/093,907, filed July 5, 1994 and 07/889,918, filed July 5, 1994, both abandoned; PCT/US93/05191; and Briles et al., WO 92/1448.--

Please add the following paragraph at page 28, line 25 (after the second full paragraph headed by "Sequencing and DNA Analysis" and just prior to "Example 1/Result 1").

Deposit

E. coli containing a cloned PspC gene from *Streptococcus pneumoniae* strain EF6796, was deposited on July 24, 2001 with the American Type Culture Collection (ATCC), 12301 Parklawn Drive, Rockville, Maryland, 20852, USA, under accession number ATCC No. PTA-3526.--